

Roland®

VGA-5

V-Guitar Amplifier

The World's Best-Sounding Digital Modeling Amp.



COSM
Composite Object Sound Modeling

- Digital modeling guitar amp with extremely flexible sound and convenient 65w/1 x 12" design
- 11 dynamic COSM amp models plus 11 speaker cabinet models, ranging from classic to modern
- Fast, easy operation with simple knob-based controls
- Onboard EFX section plus dedicated Delay, Chorus and Reverb processing (4 simultaneous effects)
- Built-in Acoustic Guitar Simulator and Acoustic Amp model
- Tap Tempo control plus individual effects control via optional footpedals
- 10 User memories; 40 memories using optional GFC-50 Foot Controller
- External Mix input; Line output for recording applications



You've never heard a guitar amp like this before...



When the engineers at Roland Corporation set out to design the VGA-5 V-Guitar Amplifier, equipping it with a range of expressive, authentic tones was the top priority. Thanks to COSM modeling technology and extensive R&D efforts, the VGA-5 offers incredibly dynamic amp and speaker models and stellar effects that simply outperform other digital modeling amps on the market—all with simple, knob-based controls and rock-solid reliability.



A Range of Vintage and Modern Amps at Your Fingertips

The VGA-5 offers dynamic and responsive COSM models of 11 distinct amp types—from vintage and modern tube amps to solid-state and acoustic amps—plus 11 speaker cabinet selections. These amp models sound like nothing you've ever heard from a digital amp before: sparkling clean sounds, warm bluesy tones or earth-shaking high-gain mayhem. And unlike other digital modeling amps, the VGA-5 actually responds to your picking dynamics and guitar volume in the same highly musical manner as the amps being modeled.

COSM AMP TYPES		SPEAKER TYPES	
ACOUSTIC	MODERN STACK 2	ORIGINAL	CLASSIC, MODERN
JC CLEAN	METAL STACK	Note that speaker cabinet type depends on amp models.	1X12" OPENBACK
AMERICAN CLEAN	TWEED		2X12" OPENBACK
CLASSIC STACK I	MODERN COMBO		4X10" OPENBACK
CLASSIC STACK I * II	BRITISH COMBO		4X12" CLOSEDBACK
MODERN STACK 1			8X12" CLOSEDBACK

Killer Effects

The VGA-5 includes four independent onboard effects processors: an EFX processor which includes wah, tremolo, compressor, Slow Gear, phaser and flanger; plus dedicated Delay, Chorus, and Reverb processors. Any EFX algorithm can be combined with a delay, chorus, or reverb algorithm, giving you up to four simultaneous effects. All effects sounds can be tweaked using the simple knob-based controls, and then saved along with amp model and speaker cabinet into a single patch. Effects are also controllable via optional footswitches or MIDI foot controller, which can provide instant patch selection, tap tempo, and more.

EFFECTS			
EFX	Delay	Chorus	Reverb
WAH	NORMAL	NATURAL	PLATE
TREMOLO	WARM	WARM	ROOM
COMP	HOLD	HOLD	BRIGHT
SLOWGEAR			
PHASER			
FLANGER			

Easy Operation

Just because the VGA-5 employs some mind-boggling technology doesn't mean it has to be hard to use. In fact, its front panel is refreshingly simple; there's knobs for Amp Type, Gain, Volume, 3-Band EQ, Presence, Speaker Type and Effects, plus dedicated buttons for turning on or off each of four effects. True to form, each of the VGA-5's knobs yield a response modeled distinctly after the "original" version. So using these familiar analog-style controls, you can dial in your sound in seconds. Then just save your sounds to one of 10 User memories (or one of 40 memories using the optional GFC-50 Foot Controller). Great amp tone was never this easy!

VGA-5 FRONT PANEL



V-Guitar Amplifier

VGA-5

SPECIFICATIONS

Rated Power Output	65 W
Memories	10 (Recalled from Panel), 40 (Recalled from Foot Controller)
Nominal Input Level (1 kHz)	INPUT HIGH: -10 dBu/470 kΩ, INPUT LOW: 0 dBu/220 kΩ, EXT IN: +4 dBu
Nominal Output Level	LINE OUT: +4 dBu (0 dBu = 0.775 V rms)
Speaker	12 inch (30 cm) X 1
Controls	<COSM AMPLIFIER section> AMP TYPE switch, GAIN knob, VOLUME knob, EQUALIZER (BASS knob, MIDDLE knob, TREBLE knob), PRESENCE knob, SPEAKER TYPE switch <EFFECTS> EFX (ON/OFF button, TYPE switch, SENS/RATE knob, INTENSITY knob), DELAY (ON/OFF button, TAP button, FEEDBACK knob, LEVEL knob), CHORUS (ON/OFF button, INTENSITY knob), REVERB (ON/OFF button, LEVEL knob), MASTER knob, MANUAL button, Memory buttons (A/B, 1/6-5/10), WRITE button, POWER switch, FUNCTION switch (rear)
Connectors	INPUT jacks (HIGH, LOW), PHONES jack, EXT IN jack, LINE OUT jack, FOOT CONTROL <EXP PEDAL jack, EFX/MANUAL-MEMORY jack, DELAY jack (TIP: ON/OFF, RING: TAP), CHORUS/MEMORY ▼ jack, REVERB/MEMORY ▲ jack>, MIDI IN connector
Power Supply	AC 117 V, 230 V, 240 V
Power Consumption	75 W (117 V, 230 V, 240 V)
Dimensions	650 (W) X 290 (D) X 540 (H) mm, 25-5/8 (W) X 11-7/16 (D) X 21-5/16 (H) inches (including casters)
Weight	24.0 kg / 52 lbs 15 oz
Accessories	Casters (X4)

* 0 dBu = 0.775 Vrms

VGA-5 REAR PANEL



OPTIONS

GFC-50 Foot Controller



- Compact metal foot controller for patch selection on VGA-Series amplifiers
- Able to connect to optional expression and control pedals for expanded realtime control

EV-5 Expression Pedal



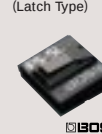
FV-300L Foot Volume/Expression



FS-5U Footswitch (Unlatch Type)



FS-5L Footswitch (Latch Type)



COSM Composite Object Sound Modeling

Once a musical instrument generates sound vibrations, it reaches the human ear through various mediating objects, each of which significantly affects the sound. The material and configuration of the instrument, the electric/electronic/magnetic amplifying system, the air and the reverberation of the room all affect the final sound. Sound modeling, the latest DSP technology, "virtually" reconstructs these objects. Roland's breakthrough Composite Object Sound Modeling (COSM) uses the advantages of multiple modeling methods and succeeds in accurately emulating existing sounds, as well as producing sounds that have never before been created.